



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 8]

नई दिल्ली, शनिवार, फरवरी 24, 1973 (फाल्गुन 5, 1894)

No. 8]

NEW DELHI, SATURDAY, FEBRUARY 24, 1973 (PHALGUNA 5, 1894)

इस भाग में जिस पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बंधित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 24th February 1973

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

Application for Patents Filed at the Head Office

3rd February 1973

- 249/Cal/73. Dr. H. C. Visvesvaraya. Impermeable bag for mechanical packing of cement.
- 250/Cal/73. Joseph Lucas (Electrical) Limited. Electromagnetic relays. (5th February 1972).
- 251/Cal/73. Hudswell Morrice Limited. Method of and apparatus for the driving and extraction of sheet piles. (15th November 1972).
- 252/Cal/73. American Flange & Manufacturing Co., Inc. Infant feeding package. [Divisional date 29th January 1971].
- 253/Cal/73. N. G. Vihani. Container for a cigarette packet.
- 254/Cal/73. Treadwell Corporation. Recovery of copper from copper sulfide containing concentrates.
- 255/Cal/73. Proper Manufacturing Company, Inc. Slide covers and method and apparatus for manufacturing the same.

5th February 1973

- 256/Cal/73. Jose Castany Ferre and Ramon Sanrampa Padro. Method for the manufacture and assembling of pockets on garments.
- 257/Cal/73. Maschinenfabrik Reinhausen Gebrüder Scheubeck KG. A transformer housing.
- 258/Cal/73. Chloride India Limited. Improvements in or relating to mould lubricant.

477GI/72

259/Cal/73. Socite Fives Lille-Cail. Stator for rotary compressor or similar machines.

260/Cal/73. Richter Gedeon Vegyeszeti Gyar Rt. Lysergic amides and process for their preparation.

261/Cal/73. Veb Filmfabrik Wolfen. Process for the sensitization of photographic silver chloride and silver chlorobromide emulsions that may contain colour couplers. (9th June 1970). [Divisional date 23rd October 1970].

262/Cal/73. V. N. Lokur. An improved draft gear for railroad vehicles.

6th February 1973

263/Cal/73. Council of Scientific and Industrial Research. A process for the manufacture of water soluble corrosion inhibitor.

264/Cal/73. Council of Scientific and Industrial Research. A catalyst and a process for the production of phthalic anhydride by the vapour phase oxidation of ortho-xylene naphthalene or mixture of both.

265/Cal/73. Council of Scientific and Industrial Research. Improvements in or relating to the recovery of silver from silver waste.

266/Cal/73. Stein Industrie. A heat-exchanger unit. [Addition to No. 130644].

267/Cal/73. Science Union et Cie, Societe Francaise de Recherche Medicale. Process for preparing new amino-propane derivatives. (7th February 1972).

268/Cal/73. Elkem-spigerverket A/S. Method of reduction of silicon-dioxide.

269/Cal/73. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of oxazine dyes.

270/Cal/73. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of fast dyeings or prints on synthetic fibrous materials.

271/Cal/73. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the preparation of fast dyeings or prints synthetic fibrous materials.

272/Cal/73. Box Innards, Incorporated. Machine for creating divider structures such as are used as internal partitions within a box.

273/Cal/73. Institut Gornogo Delaimeni A. A. Skochinskogo. Flat detonating cord.

7th February 1973

274/Cal/73. Messrs Hindustan Aluminium Corporation Limited. Steel mould for aluminium rod rolling mill.

275/Cal/73. Yves G. P. Caron and John Stark. Building module, building and method of construction. (11th February 1972).

276/Cal/73. Centre D'Etudes Experimentales Et Cliniques De Physio-biologie De Pharmacologie Et D'Euto-nologie. Pyridazine derivatives.

277/Cal/73. Billiton Research B. V. Method of preparation of metals and alloys.

278/Cal/73. Fabbrica Italiana Magneti Marelli S.p.A. Ignition distributor provided with an advance or delay correcting depressor device.

279/Cal/73. Lacrex Brevetti S. A. Tool.

280/Cal/73. Nipkti po Cherna Metalurgia. A method for producing of protective coatings on carbon electrodes.

281/Cal/73. Ciba Geigy AG. Process for the manufacture of new monoazo compounds. [Divisional date 24th December 1970].

282/Cal/73. Ciba Geigy AG. Process for the manufacture of new monoazo compounds. [Divisional date 24th December 1970].

283/Cal/73. Intercole Automation, Inc. Mixing apparatus.

284/Cal/73. Box Innards, Incorporated. Intermittent drive structure.

285/Cal/73. L. Welsbren. Apparatus for repeating a dialling signal. (14th February 1972).

9th February 1973

286/Cal/73. Pneumatiques, Caoutchouc Manufacture et plastiques Kleber. Flexible homogeneous rubbery product and process for obtaining same.

287/Cal/73. The Lucas Electrical Company Limited formerly known as Joseph Lucas (Electrical) Limited. Brush assemblies for dynamo electric machines. (12th February 1972).

288/Cal/73. Ube Industries, Ltd. An extrusion press machine.

289/Cal/73. Rieter-Werke Dipl.-Ing. Walter Handle GmbH. Improvements in apparatus for processing viscous materials. (12th January 1973).

290/Cal/73. Saudagar. Improvements in or relating to bread toasters.

291/Cal/73. Bowater Packaging Limited. Improvements in or relating to moulding machines.

292/Cal/73. Sandoz Ltd. Process for the production of novel triazole compounds. [Addition to No. 129584]. [Divisional date 14th December 1970].

293/Cal/73. Fouquet-Werk Frauz & Planck. Guide channels for textile machines.

APPLICATION FOR PATENTS FILED AT PATENT OFFICE (BOMBAY BRANCH)

29th January 1973

37/Bom/73. Robusta Machine Manufacture Pvt. Ltd. Robusta maxi sizer & warper suitable for preparing sample beam 18" width onwards used in textile woolen and silk industries having 1 to 3 and 9 ends (1breads).

30th January 1973

38/Bom/73. A. A. Pardiwala. Protective covers for brushes, in particular for a tooth brush.

31st January 1973

(Prov) 39/Bom/73. J. R. Sawant. A new design for concrete sleeper.

40/Bom/73. Dr. U. K. Henschke, & Dr. B. S. Proimos. A teletherapy machine which we have named "Janus" cobalt 60 teletherapy machine.

41/Bom/73. J. S. Bajaj. Improvements in or relating to horological or chronometric instruments and in particular to a solid-state numeric or digital watch or clock.

42/Bom/73. V. Toshniwal and A. Toshniwal. Low temperature (-40°C) producing refrigeration system with automatic or manual oil flushing employing freon 22 sealed compressor.

43/Bom/73. V. Toshniwal, A. Toshniwal and A. Toshniwal. Controlling the temperature in infra-red moisture balance.

1st February 1973

44/Bom/73. Plasticage Corporation. Improvements in or relating to tanks, particularly for conveying liquids, gases and the like.

45/Bom/73. Minato Shirke Concrete Machines Pvt. Ltd. Dense concrete cavity block making machine.

46/Bom/73. A. R. Deshpande. Plant protection equipment capable of mounting on back of draft animal.

3rd February 1973

47/Bom/73. S. S. Rao. Poly arm over current (rao's) relay.

5th February 1973

48/Bom/73. G. G. Dandekar. Any locking systems/locks operations control register.

6th February 1973

49/Bom/73. Hindustan Lever Limited. Treatment of glycerides.

APPLICATION FOR PATENTS FILED AT PATENT OFFICE (MADRAS BRANCH)

1st February 1973

15/Mas/73. Tube Investments of India Limited. Strip accumulator.

Alteration of Date

135355, Ante-dated to 15th December 1970.
(1236/72)

135356, Ante-dated to 24th December 1970.
(2070/72)

Complete Specifications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any of the applications concerned, may at any time within four months of the date of this Gazette of India or within such further period not exceeding one month applied for in Form 14 of the Patents Rules, 1972, before the expiry of the said period of four

months give notice to the Controller of Patents in the prescribed Form 15 of the Patents Rules, 1972, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specification in the following list will be available for sale from the Government of India Book Depot, 8, Kiron Shankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (Postage extra, if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

The required typed copies of the specifications together with copies of the drawings if any can be supplied by Patents Office on Payment of the necessary charges which may be ascertained on application to this office.

80953. The Upjohn Company. Process for the production of lincomycin.

By cultivating streptomyces lincolnensis var. lincolnensis in an aqueous nutrient medium under aerobic conditions.

127808. Bayer Aktiengesellschaft, formerly known as Farbenfabriken Bayer Aktiengesellschaft. Process for the production of 3-(4-chloropyrazolyl-1)-coumarines.

Reacting hydrazines like 7-hydrazino-3-[4 Chloropyrazolyl-(1)]-coumarine with dicarboxyl $R_1CO_2CHICOR_2$; R_1 and R_2 being hydrogen or C_n alkyl or aryl radical.

127868. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of water-insoluble monoazo-dyestuffs.

Characterized by reacting diazotized-p-nitro aniline with N-2-hydroxy ethyl-2-(N'-methyl-N-phenyl)-amino-ethyl sulfonamide.

128328. The Tata Hydro-Electric Power Supply Company Limited, The Andhra Valley Power Supply Company Limited and The Tata Power Company Limited. Electronic solid state digital clock having a plurality of seven-line neon-tube display units.

Circuits including solid state counter circuits to produce and count signals, said signals controlling electronic matrix circuits which are adapted to drive relay coils or solid state switches and said relays or solid state switches being adapted to energize the appropriate neon tube display unit through leakage transformers.

128716. Sumitomo Chemical Company, Ltd. Process for the preparation of novel imidazolidinediones.

Process for preparing 3-(3', 5'-dihalogenophenyl)-1-arylimidazolidine-2; 4-dione derivatives which comprises reacting a 3-(3', 5'-dihalogenophenyl) imidazolidine-2, 4-dione derivatives with an acylating agent.

128763. Sumitomo Chemical Company Ltd. Process for preparing novel amidthiol phosphoric acid esters.

Comprises condensing a phosphoric acid salt with a halogen compound.

129263. Snam Progetti S.p.A. Process for treating effluent gases in the ammonia synthesis.

Contacting the gases with water or a dilute aqueous ammonia solution so as to obtain a concentrated aqueous ammonia solution and a gaseous mixture, withdrawing the concentrated aqueous ammonia solution, condensing the water present in the gaseous mixture, cooling by injecting liquid ammonia into the gaseous mixture and passing it firstly through a heat exchanger and secondly to the ammonia synthesis reactor.

129419. Sumitomo Chemical Company, Limited. Process for preparing novel cationic dyes.

Characterized by reacting p-amino-azo-benzothiazol, with diacetone acrylamide ($CH_2=CHCONHC(CH_3)_2CH_2COCH_3$) in the presence of Broensted acid.

129480. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing monoazo dyestuffs.

Coupling 1,4-diamino-benzene-2,5- disulphonic acid and p-(2,2,3,3, tetra fluoro 4-methyl-cyclobutyl)-acrylic acid chloride.

129481. Societe Sucriere De L'Atlantique (Engineering) Societe Anonyme. Method and apparatus for extracting juice by squeezing fibrous materials of sugar cane bagasse.

Comprises passing the fibrous material between a perforated cylinder and a pressing cylinder and collecting and removing the liquid from the perforated cylinder.

129483. Machinery Maintenance Corporation. A mixing machine for emulsifying oil and water.

Comprises a rotor unit containing a rotor formed by two parallelly disposed fluted rollers disposed within a common housing having a corrugated inside surface.

129559. British Insulated Callender's Cables Limited. Improvements in or relating to the manufacture of insulated electric cables. [Addition to No.121704].

Improvement in the invention disclosed in Indian Patent specification No. 121704 wherein is provided a method and apparatus for the same comprising two or more layers of different covering materials on a continuously advancing core that has all the advantages of the method and appears of the main patent.

129560. British Insulated Callender's Cables Limited. Improvements in or relating to the manufacture of insulated electric cables. [Addition to No. 121704].

Characterised in that the sealing means comprises a radially inwardly extending apertured barrier wall, a plurality of flexible turns of a heat resistant material helically lapped about the core and an adjustable pressure-imparting device.

129600. Westinghouse Electric Corporation. Improved fluorescent lamps. (23rd February 1970).

The amount of TiO_2 in soda-lime silicate glass being sufficient to inhibit solarization of the glass and deleterious chemical reaction at the phosphor glass interface and the total amount of phosphor within envelope being from about 5% to 40% by weight less than the total amount of phosphor.

129628. Industriële Onderneming Wavin N.V. Improvements in a device for manufacturing a plastic tube with transverse grooves.

Wherein the mould segments have a helically extending rib profile, the greatest outer diameter of the closing means is at least equal to diameter of cylinder formed by bottoms of the valleys of the rib-profile excluding twice the wall thickness of the tube to be joined and at least the part of the closing means, situated outside the surface of a cylinder with a diameter at most equal to the smaller diameter of the rib profile of two co-operating mould halves excluding the wall thickness of the tube to be formed, consists of deformable material.

129653. Matisa Material Industriel S. A. Apparatus for checking and/or the rectification of a railway track.

Wherein the angular measuring optical device comprises two identical image detector assemblies disposed symmetrically relative to the measured point and of which the optical axis is common and contains the point and means for simultaneously measuring all the opposite angles formed on either side of the point by the optical axis and the axis of the light beams of the punctiform sources materialising at least two other points of the track which one disposed opposite to each other with respect to the point, rotating members of the assemblies being driven at same angular velocity by a common motor.

129723. RCA Corporation. A monopulse multimode feed system.

Comprising a mode coupler having a sum mode coupling port and a separate plurality of difference mode ports, first means coupled to said sum port, second means coupled to said separate plurality of difference mode ports and third means coupled to mode coupler including an energy propagation horn.

129792. Plessey Handel Und Investments AG. Improvements in or relating to jointing clips for insulated electric wires. 31st December 1969).

Provides a channel in which the flanges are doubled back inside the channel at a definite spacing from the inner surface to project towards the channel bottom by an amount approximately equal to the wall thickness.

129931. The Dunlop Company Limited. Reinforced flexible hose and process for manufacturing same. (11th January 1970).

Comprises forming rings around at least the reinforcing layer of the hose at spaced apart intervals of uncured resinous material containing reinforcement filaments and subsequently curing the resinous material rings.

129935. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the dyeing of synthetic textile materials. Accept

A dyestuff like 4-bromo-3 hydroxy-quinophthalone in halogenated methane or ethane is impregnated on the textile material and the dye, fixed by heating.

130167. Ciba of India Limited. Process for dyeing semi-synthetic or synthetic textile materials and materials whenever dyed by the same.

Comprising dyeing in an organic solvent in the presence of one or more solid and/or one or more liquid oleophilic additives.

130248. Institut Elektrodinamiki Akademii Nauk Ukrainskoi SSR. Apparatus for measuring two parameters of impedances.

Comprises an a.c. bridge with inductively coupled ratio arms, the other arms of which comprise the unknown and a standard impedance the apparatus further comprising two modulators for producing modulating, or trial, signals affecting the out-of balance sign of the bridge.

130260. Koninklijke Industriële Maatschappij Noury & Van der Lande N.V. Process for preparing a liquid photo-sensitizer composition. (26th March 1970).

Benzoin is reacted with mixt of alcohol like isobutanol at a temperature in the range of 60-120°C in the presence of an acid reacting compound.

130442. Council of Scientific and Industrial Research. A process for ash reduction of natural graphite by chemical treatment in aqueous solutions.

Comprises heating graphite powder successively in HCl, NaOH, HF and finally HCl solutions.

130560. Aquavoir Holdings Company S. A. Unit for collecting rainwater.

Comprising a collecting vessel, a deck covering whole surface area of the vessel and closing mouth thereof, said deck sloping inwardly to one orifice, the wall of the collecting vessel below the deck being sealed hermetically.

130605. British Insulated Cables Limited. Improvements in or relating to flexible stranded bodies such as overhead electric conductors.

Comprising at least two layers of metallic elements and partly fitting each of some or all of spaces between adjacent metallic elements of at least one of the layers, a preformed elongate member of non-metallic resilient material which is compatible with the said elements.

130626. Bayer Aktiengesellschaft, formerly known as Farbenfabriken Bayer Aktiengesellschaft. A process for purifying waste gases from the production of ammonium nitrite and re-using them for the production of ammonium carbonate.

Comprising washing the waste gas consisting of carbon dioxide, ammonium nitrate and ammonium nitrite with an aqueous solution of ammonia in the presence of additional carbon dioxide so that the ammonia content of the end gas is less than 0.1% by volume.

130823. Westinghouse Electric Corporation. Lighting units.

Comprising an electric lamp having a tubular to vitreous envelop, a protection shield for said envelop consisting of a rigid open ended sleeve and means for retaining said sleeve on the lamp in spaced apart telescoped relationship.

130924. Queen's University At Kingston. Vortex clarifier for separation of fluid. (4th February 1971).

Comprising a separating chamber defined by an annulus between inner and outer cylinders rotating in synchronism and a first and second set of impeller blades in communication with said separating chamber.

131132. H. Singh. Improvements in or relating to a pencil. Consisting of three parts, a central barrel with a continuous hollow portion, a hollow portion detachably joined to the barrel and a screw threaded rear cap.

131141. Ciba-Geigy AG. Process for the manufacture of anthraquinone dyestuffs which are sparingly soluble in water.

Reacting an appropriately substituted anthraquinone compound with a compound which introduces an acyl radical, the starting material being so chosen that the final dyestuff does not possess any groups which dissociate in water to given an acid reaction and impart solubility in water.

131194. The Gillette Company. Improvements in or relating to apparatus for depositing material on a substrate.

Wherein source of material and a substrate holder are arranged in a vacuum chamber associated with a power supply for transferring the material from the source to substrate.

131266. K. K. Bhavani. Expandable shaft assembly.

Comprises a solid metal shaft provided with three T-shaped slots and having a central bore fitted with an air valve, a flexible tube housed inside each T-slot having an inlet nipple fitted inside drilled holes communicating with the central bore and a metal gripping strip inserted inside each T-slot over each said tube.

131486. Bayer Aktiengesellschaft formerly known as Farbenfabriken Bayer Aktiengesellschaft. Preparation of iron oxide and hydrated iron oxide pigments.

Comprises treating aqueous slightly acid solution of ferrous salt with gas containing oxygen in the presence of metallic iron containing material, wherein the metallic iron containing material having a particle size of 0.5 μ to 500 μ .

131917. Instituto Chemioterapico Italiano S.p.A. Method of separating 2-amino-1-butanol isomers.

Reacting dl-2-amino-1-butanol with an aqueous solution of L(+)-tartaric acid crystallising and separating the acid L(+)-tartrate of 4-2-amino-1-butanol, evaporating water from the resulting liquor and dissolving the residue in methanol to recover the acid L(+)-tartrate of d-2-amino-1-butanol.

132075. Sumitomo Chemical Co., Ltd. Method for producing pure m-cresol.

Comprises forming a molecular compound of m-cresol and urea and decomposing it characterized in that in the process is carried out in a solvent selected from benzenes substituted or not with alkyl or halogen, dialkyl ethers and cyclic ethers.

132157. Clayton Dewandre Company Limited. Improvements in and relating to vehicle braking systems.

Wherein a load sensing valve is interposed in one circuit whilst pressure delivered by the other circuit is controlled by a relay valve.

132190. Gough and Company (Hanley) Limited. Improvements in the electrophoretic casting of pottery. (3rd March 1971).

Comprises the steps of pouring slip into an assembled multipart mould made of porous material and having a substantial wall thickness and an electrically conductive coating applied to its outer surface, allowing a short electrode dipped into the slip and the conductive coating of the mould, the potential between the outer surface on the mould and the electrode being selected so as to be high enough to cause significant deposition and low enough to avoid the formation of substantial irregularities in the inner surface of the casting being formed.

132261. Y Kato. An apparatus for medical treatment.

Comprising a casing made of two or more parts adapted to enclose a major portion of the human body or the affected part thereof, a container for storing the medicament provided above casing, ducts for feeding the medicaments to the major portion of the body compressed air ducts to force medicaments under pressure a plurality of nozzles provided in the casing connecting ducts.

132481. Nederlandse Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek Ten Behoeve Van Nijverheid Handle En Verkeer. Pipe fitting.

Consists of an elastic circumferentially continuous sealing sleeve surrounding the ends and an inherently resilient corrosion resistant split socket under stress.

132501. A. S. Mathew. A combined hair cutter-cum-razor.

A first member for being gripped, a second member pivotally attached to it, first and second plates each of which has one of its sides provided with a straight edge and the opposite side formed into a comb, said plates being disposable one over the other in first and second positions.

132576. Alcan Research and Development Limited. Method of treating segregated material separated from a body of molten aluminum.

Wherein fragments of segregated material are treated in a confined region with dry steam, to exert disintegrating influence on the chemical material and to convert the segregated material into a dry form capable of treatment for classification by particle size.

132971. Kharkovsky Elektromekhanichesky Zavod imeni 50-letia Velikoi Oktyabrskoi Sotsialisticheskoi Revol-

- jutsi. Method of manufacturing electrotechnical articles.

Comprising mixing together iron powder and a thermosetting resin containing a curing agent in vacuo in order to remove air inclusions and thermosetting reaction volatile products batching the resulting composition, rolling the batched composition into flat sheets having a thickness greater than that of finished articles moulding and simultaneously preforming flat sheets to obtain compacted blanks and curing.

133359. V. V. Benderovsky, A. I. Schepotiev, I. A. Vastreblov and O. M. Vergiliev. Improvements in or relating to a mechanism for transporting an information carrier.

A unit for reversing the direction of rotation of the drive motor in incorporated a mechanical counter with at least two stages, input and output stage, a momentary action lever operatively connected to the output stage of the counter, at least one permanent magnet secured on the momentary action lever, an individual magnet controlled contact arranged next to the afore mentioned magnet and adapted to cooperate therewith.

133451. Franz Plasser. Improvements relating to impact-type screw wrenches, particularly for the rail fastening screws of railway tracks.

Comprises a tool socket, a drive motor, a rotatable impact generator arranged between the drive motor and the tool socket and means arranged between the drive motor and impact generator.

133454. Franz Plasser. Improvements relating to mobile machine for picking up and carrying away used rail fastenings or the like of railway tracks.

Characterised in that the collecting containers are open at the top arranged below a conveyor belt and a deflector of substantially triangular shape being provided on the top of the conveyor.

134469. Swiss Aluminium Ltd. Cleaning exhaust air from workshops.

Comprising a housing having an air entry at its bottom, a lower enclosing wall impermeable to air, an upper enclosing wall permeable to air, a stator consisting of a ring of blades arranged to direct air flow through outlet openings of the stator, a fan upstream of the stator, means for supplying water to wet the upper enclosing wall.

134548. The Planning and Development Division, Fertilizer Corporation of India Limited, Sindri, District Dhanbad, Bihar, India. An instrument for taking X-ray diffraction photographs of powder specimen at high temperatures for measuring certain physical properties.

Comprising an electrical furnace for heating the specimen upto 1000°C with vacuum metal cover, the furnace being provided with cooling means at its two sides to cut off heat radiation reacting the film mounted in a cassette on the top of furnace, collimated pin hole system, a device for holding the specimen being provided on one side adjoining the colling means and a thermocouple being provided to measure the temperature of the specimen.

134566. Mail Order Sales Private Limited. Apparatus for exercising wrists, forearm, and other members of human hands.

Comprising a ring frame, a leather strip in the upper half of the ring connected to the ring by six coiled springs, and another leather strip in the lower half of the ring connected by two spring to the ring.

134785. M. Lessen, Surgical electrode.

Comprising an elongated electrode, an electrode tip at one end, means to guide the electrode tip to a selected surgical area in the body cavity, and means to supply an electric discharge pulse to the electrode tip.

*135355 (1236/72). Westinghouse Electric Corporation. Phosphorcoated tubular lamp envelopes. (23rd February 1970). [Divisional date 15th December, 1970].

Comprises suspending the phosphor particles in a solution comprising a vapourizable solvent and a volatizable organic binder to form a phosphor paint, flushing the phosphor paint through envelope held in vertical position, immediately introducing hot air at higher velocity and then at a lower velocity for setting and drying the phosphor paint, then lehring the coated envelope.

*The first number shown is the serial number given to the application under Rule 32 of the Patents Rules 1972 on acceptance of the complete specification under which the specification will be printed and abridgements and all subsequent proceedings will be taken. The second number in the bracket is the corresponding application number.

*135356 (2070/72). RCA Corporation. A polarization rotation system. [Divisional date 24th December 1970].

Comprising a first means responsive to orthogonal linearly polarised waves, a second means coupled to first means and responsive to circularly polarised waves and means for rotating one of said above mentioned means relative to the other.

*The first number shown is the serial number given to the application under Rule 32 of the Patents Rules 1972 on acceptance of the complete specification under which the specification will be printed and abridgements and all subsequent proceedings will be taken. The second number in the bracket is the corresponding application number.

Opposition Proceedings

(1)

An opposition has been entered by Centron Industrial Alliance Private Limited to the grant of a patent on application No. 129821 made by Harbans Lal Malhotra & Sons Private Limited.

(2)

An opposition has been entered by Centron Industrial Alliance Private Ltd. to the grant of a patent on application No. 128926 made by Harbans Lal Malhotra & Sons Private Ltd.

(3)

Application for Patent No. 127600 dated the 18th July, 1970 made by McDowell-Wellman Engineering Co., opposition to the grant of a patent for which was entered by Metalgesellschaft A.G. and advertised in the Gazette of India Part III, Section 2 dated the 4th November, 1972, has been treated as abandoned.

Patents Sealed

125970 126424 126487 126553 127198 127947.

Registration of assignments, Licences, etc. (Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests.

116658 }
116659 } Messrs. Citrex S. A.
124393 }

90766 — M/s. Duo International Inc.

103382 — M/s. Serco Engineering Limited.

111914. — Messrs. Dabo AG.

77478. — M/s. Vernon & Company (Pulp Products) Limited.

91426 — M/s. The Metal Box Company Limited.

73420 — M/s. Howker Siddeley Power transformer Limited.

121071 — Mrs. Vardhini Scharwaechter.

126797 — Messrs. Scherico Ltd.

Patents deemed to be endorsed with the words

"Licences of Right"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No. Title of the invention

85309 (26-11-62) A process of recovering melamine.

85978 (11-1-62) Process for the recovery of zinc from zinc plant residues.

86018 (14-1-63) A new or improved method of making steel and open hearth furnace installation for carrying out the method.

86077 (9-11-62) Process for the preparation of D-Fructose.

86299 (16-2-62) Process for the treatment of copper-zinc containing mineral sulphides.

(86357 (5-2-63) Process for the preparation of dioxane derivatives.

86622 (22-2-63) Improved petroleum residue stabilized solid compositions, process for manufacture thereof and mass suitable for making same.

86832 (7-3-63) In situ dextrose production in amylaceous materials.

86962 (14-3-63) Water-soluble monoazo-dyestuffs and process for their manufacture.

87010 (28-1-63) A process for the production of self-crosslinking polymers.

87016 (18-3-63) Production of furnace carbon black.

87019 (22-3-62) Naphthalene compounds as fluorescent brightening agents and process for the manufacture thereof.

87027 (19-3-63) Improved process for bleaching clays.

87034 (19-3-63) Method of preparing an acidic detergent concentrate.

87041 (19-3-63) New monoazo dyestuffs and process for the manufacture thereof.

87051 (19-3-63) Improvements in or relating to a method and apparatus for digesting cellulose.

87058 (20-3-62) Herbicidal composition.

87067 (22-3-62) Method of and apparatus for exchanging heat between solid particles and gases.

87071 (23-3-62) Polymer blends and process for making them.

87083 (22-3-63) Novel di-arylene azo-lyl-styrene compounds, methods for their preparation, and optically brightening polymeric materials such as filaments, yarns, threads & films.

87086 (14-2-63) Production of copolymer dispersions and bonded fibrous materials produced therefrom.

- 87104 (25-3-63) Reduction of polymers of butadiene or isoprene containing high percentage of trans 1,4-addition.
- 87114 (25-3-63) A process for the production of reactive dyes of the anthraquinone series.
- 87170 (27-3-63) Process and apparatus for the extraction of liquid mixtures.
- 87175 (28-3-63) Herbicidal compositions.
- 87188 (28-3-63) Process for the production of terephthalic and isophthalic acid dichlorides.
- 87206 (19-2-63) A process for the manufacture of copolyesters from di-glycolesters of aromatic dicarboxylic acids and phosphoric acid.
- 87231 (1-4-63) Process for extracting low molecular weight fractions from propylene polymerizates.
- 87232 (1-4-63) Water-soluble cationic dyestuffs and process for preparing them and synthetic fibrous materials which have been dyed, printed or coloured with said dyestuffs.
- 87233 (1-4-63) Water-insoluble monoazo-dyestuffs and process for their manufacture and a process for dyeing or printing polymeric resins with said dyestuffs and printing colours or colour lakes which have been prepared with said dyestuffs.
- 87236 (1-4-63) Heterogeneous cobalt complex compounds, their production and use for dyeing, padding and printing.
- 87262 (2-4-63) Anthraquinone dyestuffs, process for their manufacture and dyeing or printing with such dyestuffs.
- 87272 (3-4-63) Fungicidal compositions.
- 87290 (4-4-63) Process for the production of aryl esters of carbocyclic, aromatic carboxylic acids.
- 87292 (4-4-63) Process for the production of ester amides of carbocyclic aromatic dicarboxylic acids.
- 87348 (8-4-63) Process for the production of flavors.
- 87357 (9-4-63) Chromium-containing azo-dyestuffs, their manufacture and their use for dyeing textile materials.
- 87358 (9-4-63) New vat dyestuffs and processes for their manufacture and use in dyeing and printing cellulosic fibers.
- 87363 (9-4-63) Production of furnace carbon black.
- 87369 (3-5-62) Process for the preparation of new phthalocyanine dyestuffs so produced and textile materials dyed therewith.
- 87391 (24-10-62) Processes, apparatus and systems for separating a solute in substantially pure form from a solution.
- 87392 (11-4-63) Stabilization of hydrocarbons and lubricants using N-phenyl-N'-alkyl-ortho-phenylenediamines.
- 87400 (11-4-63) Urea manufacturing process.
- 87423 (16-4-63) Process for preparing metalized azo dyes.
- 87424 (16-4-63) Process for the preparation of olefinic copolymers.
- 87428 (16-4-63) Improvements in or relating to the decolorization of mineral substances such as clay or sand.
- 87445 (13-4-62) A novel cupric fungicidal compound, processes for its preparation and fungicidal compositions incorporating the same.
- 87487 (17-4-63) A process for preparing block polymers.
- 87490 (17-4-63) Optical brighteners, process for preparing them and a process for optical brightening fibrous materials.
- 87491 (17-4-63) Vat dyestuffs and process for preparing them.
- 87532 (21-9-61) Process for preparing bleached particulate detergent compositions.
- 87534 (20-4-63) Method for dehydrating elastomeric compositions.
- 87537 (20-4-63) A process for preparing copolymers.
- 87538 (20-4-63) New water-insoluble anthraquinone dyestuffs and process for their manufacture.
- 87543 (25-4-62) Formaldehyde ketene co-polymers and process for preparing them.
- 87560 (22-4-63) Method for nitrogen-enrichment of molten steel covered with slag.
- 87587 (2-1-62) Process for hydrocracking a hydrocarbon.
- 87591 (23-4-63) Olefin copolymers and process for preparing them.
- 87604 (24-4-63) Process for producing an essentially non-aqueous addition polymer composition.
- 87618 (6-2-63) Fungicidal compositions.
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- 87622 (2-5-62) Polymerisation of ethylene.
- 87625 (25-4-63) Method and apparatus for hydrogen production.
- 87679 (29-4-63) Process for the preparation of aromatic amine compounds in a mixed solvent.
- 87701 (9-5-62) Process for the chlorination of titaniferous ores.
- 87712 (21-5-62) Process for the preparation of maltol and maltol so produced.
- 87731 (2-5-63) Compositions containing novel insecticidal esters of methylcarbamic acid.
- 87764 (3-5-63) Production of allyl chlorides.
- 87768 (15-3-63) Process for the surface treatment of high dispersed oxides.
- 87770 (15-5-62) Process for manufacture of solid pigment compositions for the pigmentation of organic materials.
- 87780 (4-5-63) A process for the preparation of granulated phosphate fertilizers having a base of superphosphate.
- 87782 (4-5-63) Pesticidal composition.
- 87783 (6-5-63) Production of rubbery polymers of 1,3-butadiene.
- 87800 (6-5-63) Method of digesting waste materials, and diester useful therein.
- 87810 (6-5-63) A process for the preparation of ammonia and chlorine from ammonium chloride.
- 87824 (7-5-63) Polymerization of olefinic hydrocarbons.
- 87828 (10-5-62) Continuous process for polymerization of olefinic compounds and products produced thereby.
- 87835 (7-5-63) Method of making and using aluminosilicate catalyst composition.
- 87852 (8-5-63) Liquid phase oxidation of saturated aliphatic hydrocarbons.
- 87862 (8-5-63) Process for the cross-linking of unsaturated plastics.
- 87897 (10-5-63) Production of adiponitrile.
- 87916 (13-5-63) Process for the production of quinaeridine diones.
- 87929 (28-3-63) A method of improving age resistance of natural or synthetic rubber.

- 87940 (14-5-63) Process and apparatus for specific gravity separation of mixtures of solid particles.
- 87982 (16-5-63) Sweetening of sour hydrocarbon distillates.
- 87990 (16-5-63) Improved froth flotation method.
- 87993 (16-5-63) Process for manufacture of soft ferrites.
- 88009 (17-5-63) Process and apparatus for the preparation of granulated phosphate fertilizers.
- 88012 (17-5-63) Anthraquinone vat dyestuffs of the phthaloylacridone series and processes for their manufacture.
- 88014 (17-5-63) Process for manufacturing a detergent composition.
- 88037 (20-5-63) Cold caustic refining of cellulose.
- 88050 (21-5-63) Process for preparing metal carbonyl catalyst and the use thereof.
- 88059 (21-5-63) A dry blend epoxy resin moulding composition and method of making the same.
- 88073 (21-5-62) Manufacture of ferro-silicon.
- 88075 (10-10-61) Process for the preparation of phosphorus esters.
- 88076 (10-10-61) Process for the preparation of phosphorus esters.
- 88090 (22-5-63) Process for the preparation of benzothienyl carbamates.
- 88092 (23-5-63) A process for the separation of diacetone alcohol and diacetone alcohol methyl ether from a mixture comprising diacetone alcohol and diacetone alcohol methyl ether.
- 88094 (29-5-62) Process for the production of oxygen enriched air.
- 88096 (28-5-62) Process for the preparation of new naphthalene monoazo triazine dyestuffs.

Renewal Fees Paid

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Restoration Proceedings

(1)

Notice is hereby given that an application for restoration of Patent No. 66393 dated the 12th January 1959 made by Mannesmann-Meer Aktiengesellschaft on the 4th February, 1972 and notified in the Gazette of India Part III, Section 2 dated the 11th March, 1972 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No. 83639 dated the 9th August, 1962 made by Valiveti Satya Ganapathy Ram on the 24th January, 1972 and notified in the Gazette of India Part III, Section 2, dated the 20th May, 1972 has been allowed and the said patent restored.

(3)

Notice is hereby given that an application for restoration of Patent No. 83640 dated the 9th August 1962 made by

Vaijveti Satya Ganapathy Ram on the 24th January 1972 and notified in the Gazette of India Part III, Section 2 on the 20th May 1972 has been allowed and the said patent restored.

(4)

Notice is hereby given that an application for restoration of Patent No. 91796, dated the 20th January 1964 made by Westinghouse Electric Corporation on the 10th April 1972 and notified in the Gazette of India, Part III, Section 2 dated the 3rd June 1972 has been allowed and the said patent restored.

(5)

Notice is hereby given that an application for restoration of Patent No. 114069 dated the 27th September 1966 and notified in the Gazette of India, Part III, Section 2 dated the 8th April 1972 has been allowed and the said patent restored.

(6)

Notice is hereby given that application for restoration of Patent No. 114822 dated the 4th March, 1968 made by Ahmedabad Textile Industry's Research Association on the 22nd July, 1972 and notified in the Gazette of India, Part III, Section 2, dated the 12th August, 1972 has been allowed and patent has been restored.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the design including in the entry.

Class 1. No. 139728. Mrs. Madhuri Mathur, 11, Industrial Estate, Madras-58, and also at No. 41, Gala Industrial Estate, Mulund, Bombay-80. Subject of the Indian Republic, "A Doughing Blade", April 5, 1972.

Class 1. No. 139876. Rajasthan Stove Products, (an Indian partnership firm), Rodrigues Industrial Estate, near New Municipal Market, C. S. T. Road, Kurla, Bombay-70, Maharashtra State, "Stove Tanklet", May 10, 1972.

Class 1. No. 139877. Rajasthan Stove Products, (an Indian Partnership Firm), Rodrigues Industrial Estate, near New Municipal Market, C. S. T. Road, Kurla, Bombay-70, Maharashtra State, "Stove Collar", May 10, 1972.

Class 1. Nos. 139878 & 139879. Rajasthan Stove Products, (an Indian Partnership Firm), Rodrigues Industrial Estate, near New Municipal Market, C. S. T. Road, Kurla, Bombay-70, Maharashtra State, "Stove leg", May 10, 1972.

Class 1. Nos. 140005 & 140006. Jayant Vrajdas Udeshi, an Indian citizen proprietor, Hindustan Electro-Metallics Block No. 11-12 Nimco Tiles Compound Industrial Estate Laibaug, Bombay-12, Maharashtra, India, "A Mirror Frame", July 3, 1972.

Class 1. No. 140119. Ram Lal Kumar, Sardari Lal and Harish Kumar (All Indian by nationality) trading as M/s. Bhargave Stationery Mart, 2616-Nai Sarak, Delhi-6 (partnership concern), "Template", August 3, 1972.

Class 1. No. 140125. Koooverji Devshi & Co. Pvt. Ltd., an Indian Company incorporated in India under the Indian Companies Act and having its Office at Arun Chambers, Tardeo Road, Bombay, State of Maharashtra, India, "A Handy Device for Extinguishing Fire", August 5, 1972.

Class 1. No. 140162. Jahar Lal Bose, Indian National & Sole Proprietor, Ionochem, 101, Sitanath Bose Lane, Salkia, Howrah, West Bengal, India, "Demineraliser for Water", August 23, 1972.

Class 3. No. 139942. Kalpana Industries an Indian partnership Firm carrying on business at 405, Byculla Industrial Estate, Sussex Road, Near Victoria Gar-

den, Bombay-27, Maharashtra, India, "Paper weight", June 5, 1972.

Class 3. No. 139944. Kalpana Industries an Indian partnership Firm carrying on business at 405, Byculla Industrial Estate, Sussex Road, Near Victoria Garden, Bombay-27, Maharashtra, India, "Calander cum penstand", June 5, 1972.

Class 3. No. 140129. Koooverji Devshi & Co. Pvt. Ltd., an Indian Company incorporated in India under the Indian Companies Act and having its Office at Arun Chambers, Tardeo Road, Bombay, State of Maharashtra, India, "A device for extinguishing fire", August 7, 1972.

Class 3 No. 140155. Sadanand Bhaskar Revankar, An Indian Citizen trading as, Revanovelties, 212/12, Dunning Bldg. Dr. Bhalerao Marg, Girgaon Bombay-4, Maharashtra, India, "A Magnetic soap holder-cum-tooth paste and Tooth brush holder", August 15, 1972.

Class 3. No. 140156. Noshir Kaikhushru Irani, An Indian Citizen, Jehangir Mansion, 6th Floor, next to Metro Dhobi Talao, Bombay, Maharashtra, India, "A bracket for shaving brush-soap and razor", August 17, 1972.

Class 3. No. 140163. Jaharlal Bose, Indian National & Sole Proprietor, Ionochem, 101, Sitanath Bose Lane, Salkia, Howrah, West Bengal, India, "Demineraliser for Water", August 23, 1972.

Copyright Extended for a Second Period of Five Years

Design No. 133383 Class 1.

Design No. 133384 Class 3.

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Kulikov, A. E.—105/Cal-73.

L

Leningradsky Dvazhdy Ordena Lenina Metallichesky Zavod Imeni XXII Siezda Kpps.—4/Cal-73.

Lepetit S.p.A.-Gruppo Per La Ricerca scientifica E La Produzione Chimica Farmaceutica.—10/Cal-73.

Liou, S.—194/Cal-73.

Lokhande, H. T.—21/Bom-73.

Lubrizol Corp., The.—175/Cal-73 and 189/Cal-73.

Lucas Electrical Co., Ltd., The.—25/Cal-73.

Name & Appln. No.	Name & Appln. No.
M	
Magon, O. P.—1/Cal-73.	Rao, E. G.—1/Mas-73.
Mahajan, B. R.—219/Cal-73.	Renfag S. A.—64/Cal-73 and 179/Cal-73.
Malcolm, F.—11/Mas-73.	Rhone Progil.—28/Cal-73.
Malik, R. B.—2/Bom-73.	Robert Bosch GMBH.—145/Cal-73 and 218/Cal-73.
Mandilaras, S. E.—6/Cal-73.	Robusta Machine Manufacture Pvt. Ltd.—37/Bom-73.
Mann, G. S.—123/Cal-73 211/Cal-73	S
Mead Corp., The—81/Cal-73.	Saint-Gobain Industries.—100/Cal-73.
Mehoudar, R.—209/Cal-73	Sardesai Brothers Ltd.—11/Bom-73.
Metal Box Co. Ltd., The—208/Cal-73	Sawant, J. R.—39/Bom-73.
Milchuk, S. G.—106/Cal-73.	Schubert & Salzer Maschinenfabrik Aktiengesellschaft.—24/Cal-73.
Mischenko, T. V.—105/Cal-73.	Sharma, C. K.—47/Cal-73.
Mit-in-Mir.—23/Bom-73 and 24/Bom-73.	Sharma, K.—187/Cal-73.
Mittal, B. L.—17/Cal-73.	Shastri, B. R.—33/Bom-73.
Modulbau AG.—30/Cal-73.	Shell Internationale Research Maatschappij B. V.—35/Cal-
Mukerjee, S. K.—201/Cal-73.	Shin Nihon Kagaku Kogyo Kabushiki Kaisha.—79/Cal-73.
Mundipharma AG.—118/Cal-73.	Shri Ram Institute for Industrial Research.—225/Cal-73.
Murashov, J. S.—56/Cal-73.	Sidorov, J. I.—104/Cal-73.
N	
Navakodi, S. A. R.—60/Cal-73.	Siemens Aktiengesellschaft.—216/Cal-73.
Nikte, V. V.—21/Bom-73.	Singh Yada, H. A.—92/Cal-73.
Nippon Soda Co., Ltd.—78/Cal-73.	Sivaraman, M. S.—10/Bom-73.
Nitro Nobel AB.—14/Cal-73.	Snam Progetti S.p.A.—121/Cal-73, 166/Cal-73, 183/Cal-73 & 191/Cal-73.
Novak, V. A.—56/Cal-73.	Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A.—178/Cal-73.
O	
O'Connor, M. J. (Dr.).—193/Cal-73.	Societe Alsacienne De Constructions Mecaniques De Mulhouse.—91/Cal-73.
Omnium De Prospective Industrielle.—153/Cal-73.	Societe Anonyme des Etablissements Roure-Bertrand Fils & Justin Dupont.—119/Cal-73.
Otto Orth, G.—103/Cal-73.	Societe Anonyme Francaise Du Ferodo.—199/Cal-73.
Oxysynthese.—215/Cal-73.	Societe d'Equipments, Manutentions et Transports (S.E.M. A.T.).—94/Cal-73.
P	
Panelfold Doors, Inc.—133/Cal-73.	Societe Francaise d'Electrometallurgie.—127/Cal-73, 128/Cal-73.
Pardiwala, A. A.—38/Bom-73.	Solbeck, E.—165/Cal-73.
Patel, C. S.—12/Bom-73.	Sood B. S.—31/Bom-73.
Patin, P.—156/Cal-73.	Sulzer Brothers Ltd.—16/Cal-73, 97/Cal-73 and 132/Cal-73.
P. B. Gelatines.—15/Cal-73.	Svenska Rotor Maskiner Aktiebolag.—8/Cal-73.
Personal Communications, Inc.—173/Cal-73.	Sybron Corp.—130/Cal-73.
Pfizer Inc.—197/Cal-73.	Syntex Corp.—184/Cal-73.
Photonics.—148/Cal-73.	T
Pittie Electronics.—14/Bom-73.	Ted Bildplatten Aktiengesellschaft Aeg-Telefunken Teldec.—102/Cal-73.
Pokhodenko, N. T.—105/Cal-73.	Tetra Pak International Ab.—232/Cal-73.
Preobrazhentsev, K. A.—104/Cal-73.	Thyssen Niederrhein AG. Hutten-und Walzwerke.—101/Cal-73.
Prerovake Strojirny, narodni podnik.—5/Cal-73.	Toshniwal, A.—42/Bom-73 and 43/Bom-73.
P. R. Mallory & Co., Inc.—220/Cal-73.	Toshniwal, A. (Miss).—42/Bom-73 and 43/Bom-73.
Produits Chimiques Ugine Kuhlmann.—150/Cal-73.	Toshniwal, S. (Minor).—42/Bom-73 and 43/Bom-73.
Proimos, B. S. (Dr.).—40/Bom-73.	Toshniwal, V.—42/Bom-73 and 43/Bom-73.
Punater, N. P.—25/Bom-73, 26/Bom-73 and 27/Bom-73.	U
R	
Rajashekar, I. S.—12/Mas-73.	Ube Industries, Ltd.—221/Cal-73.
Ramachandran, A. R.—60/Cal-73.	Unilever Ltd.—66/Cal-73.
Randtronics Instruments Pvt. Ltd.—18/Bom-73 and 19/Bom-73.	Union Carbide Canada Ltd.—177/Cal-73.
Rao, C. I. S.—10/Mas-73.	Union Carbide Corp.—151/Cal-73.

<i>Name & Appln. No.</i>	<i>Name & Appln. No.</i>
Union Laitiere Vaudoise.—164/Cal-73.	Vhesojuzny Nauchno-Issledovatel'sky Institut Elektroenergetiki.—107/Cal-73.
Universal Oil Products Co.—95/Cal-73. 96/Cal-73.	
Uphofn Company, The.—21/Cal-73, 182/Cal-73.	W
Uzina De Produse Sodice-Upsom.—230/Cal-73.	Wagh, A. S.—9/Bom-73.
V	Westinghouse Electric Corp.—146/Cal-73, 176/Cal-73, 203/Cal-73, 223/Cal-73, 224/Cal-73.
Valgin, V. D.—56/Cal-73.	White Welding and Mfg. Inc.—142/Cal-73.
Vartanian, G. P.—106/Cal-73.	Wiggins Teape Research & Development Ltd.—158/Cal-73.
Vaze, K. G.—20/Bom-73.	W. S. Insulators of India Ltd.—2/Mas-73.
Velsicol Chemical Corp.—222/Cal-73.	
Vercon Products Inc.—82/Cal-73.	S. VEDARAMAN, Controller-General of Patents, Designs and Trade Marks
Viswanathan, R.—13/Mas-73.	
Vorms, G. A.—105/Cal-73.	